

**What is claimed is:**

1           1. A digital TV for use in a home wide web, comprising:

2           a tuner for receiving a broadcast of a current channel;

3           a controller for outputting a control signal to change the current channel to a user input  
4           channel;

5           a channel information processor for extracting user input channel information from the  
6           control signal from the controller, and for transferring the extracted user input channel  
7           information to the tuner; and

8           a memory including a program for operating the controller, for storing current channel  
9           information, and for changing the current channel information to the user input channel  
10          information, whereby a broadcast of the user input channel is displayed without displaying the  
11          channel selection page.

1           2. The digital TV of claim 1, wherein the program stores the current channel information  
2           in the form of a file.

1           3. The digital TV of claim 1, wherein the program stores the current channel information  
2           as a cookie file.

1           4. The digital TV of claim 1, further comprising at least one of a keypad and a remote

controller for entry of the user input channel.

5. The digital TV of claim 1, wherein the controller is responsive to the user input channel for storing a changed channel selection page as a cookie value.

6. The digital TV of claim 5, wherein the controller is responsive to the user input channel for changing the channel of the digital TV in accordance with channel information contained in the cookie value.

7. A method of changing a channel in a digital TV for use in a home wide web, the method comprising the steps of:

producing a channel selection page to change a current channel when a user requests a change of the current channel to a user input channel;

producing and storing a first cookie for the channel selection page;

changing information of the channel selection page so as to change the current channel to the user input channel;

producing and storing a second cookie for the changed information of the channel selection page; and

changing the current channel to the user input channel by means of channel information contained in the second cookie, whereby a broadcast of the user input channel is displayed without displaying the channel selection page.

1           8. The method of claim 7, wherein the channel information contained in the second  
2 cookie is determined by searching a string contained in the second cookie.

1           9. A method of changing a channel in a digital TV for use in a home wide web, the  
2 method comprising the steps of:

3           producing a channel selection page to change a current channel when a user requests a  
4 change of the current channel to a user input channel;

5           extracting channel information from the channel selection page and storing the extracted  
6 channel information in the form of a file;

7           changing the channel information stored in the form of a file in response to an operation  
8 by the user; and

9           changing the current channel to the user input channel by means of the changed channel  
10 information, whereby a broadcast of the user input channel is displayed without displaying the  
11 channel selection page.

1           10. The method of claim 9, wherein, when the user manipulates a direction key to select  
2 the user input channel, a value of the current channel is changed by as much as "1".

1           11. The method of claim 9, wherein, when the user manipulates a digit key to select the  
2 user input channel, the step of changing the channel information stored in the form of a file

comprises:

producing a channel selection page corresponding to an input digit;

extracting channel information from the produced channel selection page and calculating a difference value between a value of the extracted channel information and a value of the channel information stored in the form of a file; and

changing the channel information stored in the form of a file by as much as the difference value.

12. A digital TV for use in a home wide web, comprising:

user input means for inputting a request by a user for change of a current channel;

means for producing a channel selection page to change the current channel when the user requests the change of the current channel to a user input channel;

means for producing and storing a first cookie for the channel selection page;

means for changing information of the channel selection page so as to change the current channel to the user input channel;

means for producing and storing a second cookie for the changed information of the channel selection page; and

means for changing the current channel to the user input channel by means of channel information contained in the second cookie, whereby a broadcast of the user input channel is displayed without displaying the channel selection page.

1           13. The digital TV of claim 12, wherein the channel information contained in the second  
2           cookie is determined by searching a string contained in the second cookie.

1           14. A digital TV for use in a home wide web, comprising:  
2           user input means for inputting a request by a user for change of a current channel;  
3           means for producing a channel selection page to change the current channel when the user  
4           requests the change of the current channel to a user input channel;  
5           means for extracting channel information from the channel selection page.  
6           means for storing the extracted channel information in the form of a file;  
7           means for changing the channel information stored in the form of a file in response to an  
8           operation by the user; and  
9           means for changing the current channel to the user input channel by means of the changed  
10          channel information, whereby a broadcast of the user input channel is displayed without  
11          displaying the channel selection page.

1           15. The method of claim 14, wherein, when the user manipulates a direction key to select  
2           the user input channel, a value of the current channel is changed by as much as "1".

1           16. The method of claim 14, wherein, when the user manipulates a digit key to select the  
2           user input channel, the means for changing the channel information stored in the form of a file

3 produces a channel selection page corresponding to an input digit, extracts channel information  
4 from the produced channel selection page, calculates a difference value between a value of the  
5 extracted channel information and a value of the channel information stored in the form of a file,  
6 and changes the channel information stored in the form of a file by as much as the difference  
7 value.